

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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EAST Search History

L27	372	(US-20050021581-\$ or US-20040260537-\$ or US-20070027680-\$ or US-20060143002-\$ or US-20060074639-\$ or US-20050149321-\$ or US-20060080088-\$ or US-20040225493-\$ or US-20040167772-\$ or US-20050021325-\$ or US-20040073420-\$ or US-20030149560-\$ or US-20010029447-\$ or US-20010044714-\$ or US-20070094018-\$ or US-20070000369-\$ or US-20060074644-\$ or US-20060025991-\$ or US-20050228648-\$ or US-20050114123-\$ or US-20060053007-\$ or US-20050008179-\$ or US-20050004792-\$ or US-20040159220-\$ or US-20030182105-\$ or US-20050015242-\$).did. or (US-20030139923-\$ or US-20030125939-\$ or US-20030078769-\$ or US-20030046066-\$ or US-20030158730-\$ or US-20020156620-\$ or US-20020077812-\$ or US-20020019735-\$ or US-20030028373-\$ or US-20040255198-\$ or US-20070047676-\$ or US-20070041837-\$ or US-20060252536-\$ or US-20060184362-\$ or US-20060171255-\$ or US-20060089833-\$ or US-20060069559-\$ or US-20050243936-\$ or US-20050220222-\$ or US-20050140965-\$ or US-20050115383-\$ or US-20010019516-\$ or US-20070129910-\$ or US-20070017346-\$ or US-20070088540-\$ or US-20070067005-\$ or US-20040231498-\$).did. or (US-20040220800-\$ or US-20040160988-\$ or US-20040088406-\$ or US-20040015090-\$ or US-20040002855-\$ or US-20030204328-\$ or	US-PGPUB; USPAT	OR	ON	2007/08/31 08:05
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EAST Search History

L28	22	L27 AND (pitch ADJ ranges)	US-PGPUB; USPAT	OR	ON	2007/08/31 08:05
L29	297304	(pitch OR (fundamental ADJ frequency) OR f0)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L30	2919234	estimat\$3 OR determine OR determined OR determining OR determination	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L31	10771	autocorrelation	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L32	2139	L29 AND L30 AND L31	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L33	260481	(upper OR lower OR maximum OR minimum) ADJ (bound OR limit OR boundary)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L34	216281	(maximum OR minimum) ADJ value	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L35	2556856	range	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L36	2662115	L33 OR L34 OR L35	US-PGPUB; USPAT	OR	ON	2007/08/31 11:45
L37	1939	L32 AND L36	US-PGPUB; USPAT	OR	ON	2007/08/31 12:04
L38	150	L37 AND (multiple WITH users)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:46
L39	24	L38 AND (pitch WITH range)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:48
L40	71	L38 AND (male OR female OR child OR adolescent)	US-PGPUB; USPAT	OR	ON	2007/08/31 11:55
L43	30	L40 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/31 11:58
L44	9	L40 AND "704".clas. AND verification	US-PGPUB; USPAT	OR	ON	2007/08/31 11:58
L45	271	L37 AND (male OR female OR child OR adolescent) AND (pitch OR (fundamental ADJ frequency)) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/31 12:05
L47	81	L45 AND database	US-PGPUB; USPAT	OR	ON	2007/08/31 12:22
L48	741	"704".clas. AND ((pitch OR (fundamental ADJ frequency)) WITH range) AND (database OR table)	US-PGPUB; USPAT	OR	ON	2007/08/31 12:24
L49	342	L48 AND (male OR female OR men OR women OR child OR children OR adolescent OR teenager)	US-PGPUB; USPAT	OR	ON	2007/08/31 12:25

EAST Search History

L50	65	L49 AND (704/207 OR 704/217). ccls.	US-PGPUB; USPAT	OR	ON	2007/08/31 12:25
S2	1	10/708370	US-PGPUB; USPAT	OR	ON	2007/08/17 17:28
S4	1	"20050021581"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/17 17:28
S5	411	pitch ADJ estimation	US-PGPUB; USPAT	OR	ON	2007/08/29 16:11
S6	322	S5 and "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/29 16:11
S7	89	S5 NOT S6	US-PGPUB; USPAT	OR	ON	2007/08/29 16:16
S8	832	704/207-208.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/29 16:16
S9	589	704/207.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/29 16:25
S10	26	lin.in. AND pei-ying.in.	US-PGPUB; USPAT	OR	ON	2007/08/29 16:25
S11	297009	(pitch OR (fundamental ADJ frequency) OR f0)	US-PGPUB; USPAT	OR	ON	2007/08/29 17:09
S12	2915726	estimat\$3 OR determine OR determined OR determining OR determination	US-PGPUB; USPAT	OR	ON	2007/08/29 17:09
S13	10761	autocorrelation	US-PGPUB; USPAT	OR	ON	2007/08/29 17:09
S14	2136	S11 AND S12 AND S13	US-PGPUB; USPAT	OR	ON	2007/08/29 17:17
S15	260176	(upper OR lower OR maximum OR minimum) ADJ (bound OR limit OR boundary)	US-PGPUB; USPAT	OR	ON	2007/08/29 17:18
S16	216024	(maximum OR minimum) ADJ value	US-PGPUB; USPAT	OR	ON	2007/08/29 17:18
S17	2553991	range	US-PGPUB; USPAT	OR	ON	2007/08/29 17:19
S18	2659147	S15 OR S16 OR S17	US-PGPUB; USPAT	OR	ON	2007/08/29 17:19
S19	1936	S14 AND S18	US-PGPUB; USPAT	OR	ON	2007/08/29 17:19
S20	910	S19 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/29 17:19
S21	29	S20 AND (lag ADJ parameter)	US-PGPUB; USPAT	OR	ON	2007/08/29 17:28

EAST Search History

S23	429	S20 AND (lag OR (pitch ADJ delay))	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
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EAST Search History

S24	372	(US-20050021581-\$ or US-20040260537-\$ or US-20030142699-\$ or US-20030182105-\$ or US-20050004792-\$ or US-20030139923-\$ or US-20020181723-\$ or US-20040073420-\$ or US-20030050017-\$ or US-20070047676-\$ or US-20020183947-\$ or US-20020156620-\$ or US-20030028373-\$ or US-20030046066-\$ or US-20030083868-\$ or US-20010025560-\$ or US-20060025991-\$ or US-20060184362-\$ or US-20040220800-\$ or US-20010029447-\$ or US-20010044714-\$ or US-20020019735-\$ or US-20050021325-\$ or US-20040081205-\$ or US-20050220212-\$ or US-20050220222-\$).did. or (US-20040161120-\$ or US-20040172402-\$ or US-20010019516-\$ or US-20050149321-\$ or US-20060074639-\$ or US-20060171255-\$ or US-20070129910-\$ or US-20020077812-\$ or US-20040068404-\$ or US-20060074644-\$ or US-20050114123-\$ or US-20020133287-\$ or US-20030088417-\$ or US-20030112983-\$ or US-20040225493-\$ or US-20040231498-\$ or US-20050008179-\$ or US-20050010366-\$ or US-20070000369-\$ or US-20030065508-\$ or US-20030158730-\$ or US-20040002855-\$ or US-20040167772-\$ or US-20050228648-\$ or US-20070041837-\$ or US-20030051461-\$ or US-20070017346-\$).did. or (US-20010019583-\$ or US-20060069559-\$ or US-20020181553-\$ or US-20030149365-\$ or US-20060053007-\$ or US-20020172307-\$ or	US-PGPUB; USPAT	OR	ON	2007/08/30 08:50
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EAST Search History

S25	297304	(pitch OR (fundamental ADJ frequency) OR f0)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S26	2919234	estimat\$3 OR determine OR determined OR determining OR determination	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S27	10771	autocorrelation	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S28	2139	S25 AND S26 AND S27	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S29	260481	(upper OR lower OR maximum OR minimum) ADJ (bound OR limit OR boundary)	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S30	216281	(maximum OR minimum) ADJ value	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S31	2556856	range	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S32	2662115	S29 OR S30 OR S31	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S33	1939	S28 AND S32	US-PGPUB; USPAT	OR	ON	2007/08/31 11:44
S34	910	S33 AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S35	429	S34 AND (lag OR (pitch ADJ delay))	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S36	94	S35 AND (704/207 OR 704/217).ccls.	US-PGPUB; USPAT	OR	ON	2007/08/30 08:51
S37	5	("5619004" "5884010" "6594626" "6804639" "6959274").PN.	US-PGPUB; USPAT	OR	ON	2007/08/30 14:42
S40	12	((average ADJ pitch ADJ range) OR (expected ADJ pitch ADJ range)) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 17:49
S41	27	((average OR expected) WITH (pitch ADJ range)) AND "704".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 19:11
S42	10	wu.in. and gin-der.in.	US-PGPUB; USPAT	OR	ON	2007/08/30 19:12
S43	1	"4776014".pn.	US-PGPUB; USPAT	OR	ON	2007/08/30 20:25